



DOCKET NO: S1432-700819

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yeshwanth Narendar, et al.
Serial No: 10/752,434
Confirmation No: 3742
Filed: January 6, 2004
For: HIGH PURITY SILICON CARBIDE ARTICLES AND METHODS
Examiner: Karl E. Group
Art Unit: 1755

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 21st day of February 2007.

Signature of Emily Berger
Emily Berger, Reg. No. 51,459

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- ☒ Information Disclosure Statement, Form PTO-1449 and Cited References
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check for \$180.00 is enclosed. If the fee required differs from the amount enclosed, the Commissioner is hereby authorized to charge any underpayment to or refund any overpayment to Deposit Account No. 50/2762.

Respectfully submitted,
Yeshwanth Narendar, et al., Applicants

By: *Signature of Emily Berger*
Emily Berger, Reg. No. 51,459
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Date: February 21, 2007



DOCKET NO: S1432-700819

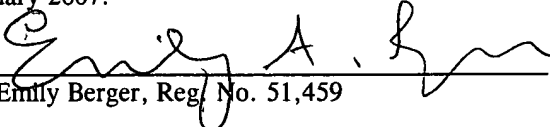
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Emily Berger, Reg. No. 51,459

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The applicant would like to bring to the Examiner's attention the following other information, whose relevance is discussed in Part III below:

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

DE 19749462 appears to be directed to a moulded body reinforced with carbon fibres. A copy of an English language Abstract is provided.

JP 11 209115 appears to be directed to a high purity c/c composite and its production. An English language Abstract is provided.

JP 2000-44223 appears to be directed to a production of silicon carbide. An English language Abstract is provided.

The following are remarks concerning the other information cited:

PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

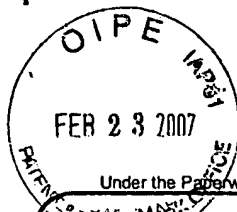
An early and favorable action is hereby requested.

Respectfully submitted,
Yeshwanth Narendar, et al., Applicants

By: 

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Elias Domingo, Reg. No. 52,827
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Cambridge, Massachusetts 02142
Tel. (617) 395-7000

Date: February 21, 2007



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/752,434
Filing Date	January 6, 2004
First Named Inventor	Yeshwanth Narendar
Art Unit	1755
Examiner Name	Karl E. Group
Attorney Docket Number	E-4362 S1432-700819

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 4,889,686	12/26/1989	Singh et al.	
	B1	US- 4,944,904	07/31/1990	Singh et al.	
	C1	US- 4,981,822	01/01/1991	Singh et al.	
	D1	US- 5,021,367	06/04/1991	Singh et al.	
	E1	US- 5,043,303	08/27/1991	Singh et al.	
	F1	US- 5,238,619	08/24/1993	McGuigan et al.	
	G1	US- 5,628,938	05/13/1997	Sangeeta et al.	
	H1	US- 6,024,898	02/15/2000	Steibel et al.	
	I1	US- 6,395,203	05/28/2002	Brun	
	J1	US- 6,455,160	09/24/2002	Hiraoka et al.	
	K1	US- 6,401,941	06/11/2002	Maumus	
	L1	US- 4,900,531	02/13/1990	Levin	
	M1	US- 4,836,965	06/06/1989	Hayashi et al.	
	N1	US- 5,628,938	05/13/1997	Sangeeta et al.	
	O1	US- 4,859,385	08/22/1989	Tanaka et al.	
	P1	US- 5,509,555	04/23/1996	Chiang et al.	
	Q1	US- 4,982,068	01/01/1991	Pollock et al.	
	R1	US- 3,951,587	04/20/1976	Alliegro et al.	
	S1	US- 5,194,330	03/16/1993	Vandenbulcke et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	T1	WO 00/18702 a1	04/06/2000	Scient. Research Center		
	U1	DE 19749462 C1	03/04/1999	Deutsch Zentr Luft		
	V1	WO 02/09161 A2	01/31/2002	SG Ceramics & Plastics		
	W1	JP 11209115A	08/03/1999	Toyo Tanso Co.		
	X1	EP 1 219 578 A2	07/03/2002	Toshiba Ceramics Co.		
	Y1	GB 2 130 192 A	05/31/1984	Toshiba Ceramics Co.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (07-05)
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/752,434
Filing Date	January 6, 2004
First Named Inventor	Yeshwanth Narendar
Art Unit	1755
Examiner Name	Karl E. Group
Attorney Docket Number	E4362 S1432-700819

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		Number-Kind Code ² (if known)			
	A2	US- 6,277,194	08/21/2001	Thilderkvist et al.	
	B2	US- 6,093,644	07/25/2000	Inaba et al.	
	C2	US- 5,538,230	07/23/1996	Sibley	
	D2	US- 2003/0198749 A1	10/23/2003	Kumar et al.	
	E2	US- 5,079,039	01/07/1992	Heraud et al.	
	F2	US- 6,890,861	05/10/2005	Bosch	
	G2	US- 6,066,572	05/23/2000	Lu et al.	
	H2	US- 5,738,908	04/14/1998	Rey et al.	
	I2	US- 5,846,611	12/08/1998	Christin	
	J2	US- 6,383,298 B1	05/07/2002	Ross et al.	
	K2	US- 6,410,088 B1	06/25/2002	Robin-Brosse et al.	
	L2	US- 6,379,575 B1	04/30/2002	Yin et al.	
	M2	US- 6,723,437 B2	04/20/2004	Haerle et al.	
	N2	US- 6,296,716 B1	10/02/2001	Haerle et al.	
	O2	US- 6,565,667 B2	05/20/2003	Haerle et al.	
	P2	US- 2004/0129203 A1	07/08/2004	Zehavi et al.	
	Q2	US- 5,494,439	02/27/1996	Goldstein et al.	
	R2	US-			
	S2	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	T2	EP 1 061 042 A1	12/20/2000	Iljin Nanotech Co., Ltd.		
	U2	GB 893 041	04/04/1962	Wacker Chemie GmbH		
	V2	GB 1 394 106	05/14/1975	Tarabanov A S		
	W2	JP 2000044223	02/15/2000	Toshiba Ceramics Co.		
	X2					
	Y2					

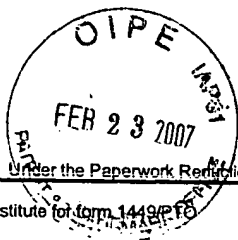
Examiner
Signature

Date
Considered

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		Art Unit	1755		
		Examiner Name	Karl E. Group		
Sheet	3	of	3	Attorney Docket Number	E4362 S1432-700819

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A3	WOLF, et al., "Silicon Processing for the VLSI Era, Volume 1", Process Technology, 1986 Lattice Press, pp. 215-216	
	B3	GHANDHI, "VLSI Fabrication Principles, Silicon and Gallium Arsenide", 1983, John Wiley and Sons, pp. 517-520.	
	C3		
	D3		
	E3		
	F3		
	G3		
	H3		
	I3		
	J3		

Examiner Signature		Date Considered	
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